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**What is claimed is:**

1. A method for diagnosing the presence of prostate cancer in a patient comprising:

(a) determining levels of CSG in cells, tissues or bodily fluids in a patient; and

(b) comparing the determined levels of CSG with levels of CSG in cells, tissues or bodily fluids from a normal human control, wherein a change in determined levels of CSG in said patient versus normal human control is associated with the presence of prostate cancer.

2. A method of diagnosing metastases of prostate cancer in a patient comprising:

(a) identifying a patient having prostate cancer that is not known to have metastasized;

(b) determining CSG levels in a sample of cells, tissues, or bodily fluid from said patient; and

(c) comparing the determined CSG levels with levels of CSG in cells, tissue, or bodily fluid of a normal human control, wherein an increase in determined CSG levels in the patient versus the normal human control is associated with a cancer which has metastasized.

3. A method of staging prostate cancer in a patient having prostate cancer comprising:

(a) identifying a patient having prostate cancer;

(b) determining CSG levels in a sample of cells, tissue, or bodily fluid from said patient; and

(c) comparing determined CSG levels with levels of CSG in cells, tissues, or bodily fluid of a normal human control, wherein an increase in determined CSG levels in said patient versus the normal human control is associated with a cancer which is progressing and a decrease in the determined CSG levels is associated with a cancer which is regressing or in remission.

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4. A method of monitoring prostate cancer in a patient for the onset of metastasis comprising:

(a) identifying a patient having prostate cancer that is not known to have metastasized;

5 (b) periodically determining levels of CSG in samples of cells, tissues, or bodily fluid from said patient; and

(c) comparing the periodically determined CSG levels with levels of CSG in cells, tissues, or bodily fluid of a normal human control, wherein an increase in any one of the  
10 periodically determined CSG levels in the patient versus the normal human control is associated with a cancer which has metastasized.

5. A method of monitoring a change in stage of prostate cancer in a patient comprising:

15 (a) identifying a patient having prostate cancer;

(b) periodically determining levels of CSG in cells, tissues, or bodily fluid from said patient; and

(c) comparing the periodically determined CSG levels with levels of CSG in cells, tissues, or bodily fluid of a normal  
20 human control, wherein an increase in any one of the periodically determined CSG levels in the patient versus the normal human control is associated with a cancer which is progressing in stage and a decrease is associated with a cancer which is regressing in stage or in remission.

25 6. A method of identifying potential therapeutic agents for use in imaging and treating prostate cancer comprising screening molecules for an ability to bind to CSG wherein the ability of a molecule to bind to CSG is indicative of the molecule being useful in imaging and treating prostate cancer.

30 7. The method of claim 1, 2, 3, 4, 5 or 6 wherein the CSG comprises SEQ ID NO:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,

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13, 14, 15, 16, 17, 18, 19 or 20 or a polypeptide encoded thereby.

8. An antibody which specifically binds CSG.

9. A method of imaging prostate cancer in a patient  
5 comprising administering to the patient an antibody of claim  
8.

10. The method of claim 9 wherein said antibody is  
labeled with paramagnetic ions or a radioisotope.

11. A method of ~~treating~~ prostate cancer in a patient  
10 comprising administering to the patient an antibody of claim  
7.

12. The method of claim 11 wherein the antibody is  
conjugated to a cytotoxic agent.

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